

Work Order ID 77880

77880

December-22-11 10:09:37 AM

Page 1

Item ID: D350-689-019

Accept

N900040100

Setup Start

NS1

Revision ID:

Item Name: Control Guard

Stop

NS2

Start Date: 22/12/2011 Start Qty: 1.00

1

Cust Item ID:

Required Date: 05/01/2012 Req'd Qty: 1.00

1

Customer:

Reference:

Approvals: Process Plan: M.L.J

Date: 11/12/11

Tooling:

Date:

Run Start

NR1

QC: _____

Date: _____

SPC (Y/N):

Date: _____

Stop

NR2

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	---------	--------	--------------	---------------	---------------	------------------	----------------

Draw Nbr	Revision Nbr	
IIN-D350-689	B	

100 0.00

100 DOCUMENT CONTROL

DC Memo 0.00

Document Control Photocopy bluefile and create labels per PPP D350-689-019 CHG001

8/17/11/26

J for M.L.J 12-1-26

110 0.00

110 Pick Kit

Packaging Memo 0.00

Packaging

12/1/2011

120 0.00

120 QC4- 100% Inspect kits for completeness

Quality Control Memo 0.00

QC

Quality Control

8/17/11/26

8/17/11/26

W/O:		WORK ORDER CHANGES							
DATE	STEP	PROCEDURE CHANGE			By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)							
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector	
			Initial Chief Eng	Action Description Chief Eng	Sign & Date				

NOTE: Date & initial all entries

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Page 2

Item ID: D350-689-019

Accept

N900040100

Setup Start

NS1

Revision ID:

Item Name: Control Guard

Stop

NS2

Start Date: 22/12/2011 Start Qty: 1.00

1

Cust Item ID:

Required Date: 05/01/2012 Req'd Qty: 1.00

1

Customer:

Reference:

Approvals: Process Plan: _____

Date: _____

Tooling: _____

Date: _____

Run Start

NR1

QC: _____

Date: _____

SPC (Y/N): _____

Date: _____

Stop

NR2

Sequence ID/
Work Center ID

Operation
Description

Set Up/
Run Hours

Tool ID

Tool #

Plan
Code

Accept
Qty

Reject
Qty

Reject
Number

Insp.
Stamp

130

130

Packaging

Packaging

0.00

b1/b2/sf

Packaging

Memo

0.00

Identify and pack for shipping as per PPP D350-689-019

Location: Draft

PPP Rev: Draft

140

140

QC

QC21- Final Inspection - Work Order Release

0.00

12/1/26 JJ

Quality Control

Memo

0.00

MM
12-01-26

W/O:		WORK ORDER CHANGES							
DATE	STEP	PROCEDURE CHANGE			By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

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DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector	
			Initial Chief Eng	Action Description Chief Eng	Sign & Date				

NOTE: Date & initial all entries

Picklist Print

Page 1

December-22-11 10:09:40 AM

Work Order ID: 77880

77880

Parent Item: D350-689-019

D350-689-019

Parent Item Name: Control Guard

Start Date: 22/12/2011

Required Date: 05/01/2012

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP Rev:A new issue DD 10.04.23 verified by:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
AN4-12A		Purchased	No			110	Each	176.0000	1	1	1		

AN4-12A

Bolt

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
ST357	176	
115422	4	
117508	22	
<u>118628</u>	100	
119775	50	

AN4-20A

Purchased

AN4-20A

Bolt

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
GA	50	
116419	50	
ST359	480	
<u>117514</u>	180	
118983	100	
119127	200	

D3084-3

Manufactured

Strut

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
ST271	1	
70002	1	

D3084-3

**

balanced

W/O:		WORK ORDER CHANGES						
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector	

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

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December-22-11 10:09:40 AM

Work Order ID: 77880

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Parent Item: D350-689-019

D350-689-019

Parent Item Name: Control Guard

Start Date: 22/12/2011

Required Date: 05/01/2012

MS21042-4

Purchased

No

110

Each

1,260.000

2

2

**

MS21042-4

DUSE MS21042L4

MS21042-4

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
ST299	1260	
100743	9	
119124	1000	
5389	78	
5461	3	
6844	19	
7690	24	
8182	115	
9063	8	
9229	4	

NAS1149D0416J

Purchased

No

110

Each

169.0000

8

**

NAS1149D0416J

Washer

8

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
ST298	169	
118131	9	
119124	160	

NAS43DD4-46N

Purchased

No

110

Each

63.0000

2

**

NAS43DD4-46N

SPACER

*8**2**10/1/2011*

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
ST279	63	
111886	63	

Q

W/O:		WORK ORDER CHANGES							
DATE	STEP	PROCEDURE CHANGE			By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)							
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector	
			Initial Chief Eng	Action Description Chief Eng	Sign & Date				

NOTE: Date & initial all entries

4. WEIGHT AND BALANCE

The following weight and balance information is for the Dart Dual High Back Seat Installation. The weight and balance of the parts that are removed from the aircraft to perform this installation are the responsibility of the installer.

Installation	Weight	LATERAL		LONGITUDINAL	
		Arm	Moment	Arm	Moment
D350-689-011 Dual High Back Seat Installation, Fwd Position	27.6 lb 12.5 kg	-18.2 in -0.46 m	-502 in-lb -5.8 m-kg	60.7 in 1.54 m	1675 in-lb 19.3 m-kg
D350-689-013 Floor Provisions Kit, Fwd Position	2.0 lb 0.9 kg	-18.2 in -0.46 m	-36 in-lb -0.4 m-kg	60.7 in 1.54 m	121 in-lb 1.4 m-kg
D350-689-011 Dual High Back Seat Installation, Aft Position	28.1 lb 12.7 kg	-18.2 in -0.46 m	-511 in-lb -5.8 m-kg	63.7 in 1.62 m	1790 in-lb 20.57 m-kg
D350-689-013 Floor Provisions Kit, Aft Position	3.1 lb 1.4 kg	-18.2 in -0.46 m	-56 in-lb -0.6 m-kg	62.2 in 1.58 m	193 in-lb 2.2 m-kg
D350-689-015 Seat Modification Kit	1.0 lb 0.5 kg	-17.2 in -0.44 m	-17 in-lb -0.22 m-kg	60.7 1.54 m	61 in-lb 0.77 m-kg
D350-689-017 Shoulder Harness, Fwd Position	4.4 lb 2.00 kg	-18.2 in -0.46 m	-80.1 in-lb -0.92 m-kg	60.7 in 1.54 m	267 in-lb 3.08 m-kg
D350-689-017 Shoulder Harness, Aft Position	4.4 lb 2.00 kg	-18.2 in -0.46 m	-80.1 in-lb -0.92 m-kg	64.7 in 1.64 m	285 in-lb 3.28 m-kg
D350-689-019 Control Guard, Fwd Position	0.5 lb 0.23 kg	-9.0 in -0.23 m	-4.5 in-lb -0.05 m-kg	60.7 in 1.54 m	30 in-lb 0.35 m-kg
D350-689-019 Control Guard, Aft Position	0.5 lb 0.23 kg	-9.0 in -0.23 m	-4.5 in-lb -0.05 m-kg	64.7 in 1.64 m	32 in-lb 0.38 m-kg
D350-689-021 Dual High Seat Back Installation, LH Fwd Position	29.2 lb 13.2 kg	-18.2 in -0.46 m	-531 in-lb -6.1 m-kg	60.7 in 1.54 m	1772 in-lb 20.3 m-kg
D350-689-021 Dual High Seat Back Installation, LH Aft Position	29.2 lb 13.2 kg	-18.2 in -0.46 m	-531 in-lb -6.1 m-kg	64.7 in 1.64 m	1889 in-lb 21.6 m-kg
D350-689-023 Energy Attenuating Floor Provisions Kit	2.5 lb 1.1 kg	-18.2 in -0.46 m	-46 in-lb -0.5 m-kg	62.2 in 1.58 m	156 in-lb 1.7 m-kg

5. PARTS LIST

Qty -011	Qty -013	Qty -015	Qty -017	Qty -019	Qty -021	Qty -023	Qty -041	Qty -043	Part Number	Description
X									D350-689-011	DUAL HIGH BACK SEAT INSTALLATION, LH
1	X								D350-689-013	FLOOR PROVISIONS KIT
		X							D350-689-015	SEAT MODIFICATION KIT
			X						D350-689-017	SHOULDER HARNESS KIT
				X					D350-689-019	CONTROL GUARD KIT
					X				D350-689-021	DUAL HIGH BACK SEAT INSTALLATION, LH
					1	X			D350-689-023	ENERGY ATTENUATING FLOOR PROVISIONS KIT
1							X		D350-689-041	DUAL HIGH BACK SEAT ASSEMBLY
					1			X	D350-689-043	DUAL HIGH BACK SEAT ASSEMBLY
							2	2	D3016-041	SEAT FRAME ASSEMBLY
							1	1	D3017-041	BACK FRAME ASSEMBLY
1					1				D3018-1	SEAT CUSHION
1					1				D3019-1	BACK CUSHION
							1	1	D3021-041	TUBE ASSEMBLY
							1	1	D3022-1	SEAT PAN
							1	1	D3023-1	BACK PANEL
							3	3	D3024-1	SPACER
1									D3025-1	BEAM

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Revision: B
Date: 11.07.22

REFERENCE ONLY

Qty -011	Qty -013	Qty -015	Qty -017	Qty -019	Qty -021	Qty -023	Qty -041	Qty -043	Part Number	Description
	1					1			D3026-1	CHANNEL
	1								D3027-1	CLIP
	1								D3027-3	CLIP
	1								D3027-5	CLIP
4						4			D3027-7	CLIP
							4		D3028-1	STUD
							2		D3029-1	SPRING
							2		D3030-1	LOCK
							2	2	D3031-1	LOOP
1									D3032-1	SPACER
2	1								D3033-1	SEAT TRACK
									D3059-1	STUD
									D3060-1	BUSHING
									D3061-1	RADIUS BLOCK
				1					D3084-3	STRUT
1									D3234-1	DOUBLER
1						1			D3234-3	DOUBLER
2									D3234-5	SPACER
							2		D3808-041	SEAT RAIL ASSEMBLY
							4		D3809-1	SLIDING BLOCK
							1		D3811-041	SEAT TRACK ASSEMBLY
							2		D4071-041	SHOULDER HARDNESS ASSY
							3	3	AN3-12A	BOLT
				1					AN4-12A	BOLT
				1					AN4-20A	BOLT
				2					AN5-4A	BOLT
						40	40		MS20600AD4W2	RIVET
							6	6	MS20600AD4W3	RIVET
						9	17	17	MS21042L3	NUT (OR MS21042-3)
							6	6	MS21042L4	NUT (OR MS21042-4)
				2					MS21042L5	NUT (OR MS21042-5)
12	4								MS21059L3	NUTPLATE
							4	4	MS24693-S272	SCREW
2	1								MS24693-S273	SCREW
							8		MS24694-S3	SCREW
						9			MS24694-S50	SCREW
							4		MS24694-S148	SCREW
6	3								MS27039-1-10	SCREW
							4	4	MS27039-1-17	SCREW
							6	6	MS27039-1-19	SCREW
							6	6	MS27039-4-21	SCREW
6	3					17	17		NAS1149D0332J	WASHER (OR AN960JD10L)
							9		NAS1149D0363J	WASHER (OR AN960JD10)
							8		NAS1149D0416J	WASHER (OR AN960JD416L)
							6	6	NAS1149D0432J	WASHER (OR AN960JD416)
				4					NAS1149D0516J	WASHER (OR AN960JD516L)
				4					NAS1149D0563J	WASHER (OR AN960JD516)
						2			NAS43DD4-46N	SPACER

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